

OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
PRESENTATION TO THE LITTLE HOOVER COMMISSION

CALIFORNIA'S PUBLIC HEALTH INFRASTRUCTURE IN TIMES OF CRISIS
(Hearing date June 27, 2002)

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Purpose: To address the Commission's expressed concerns regarding 1) "capacity concerns related to serving the public health needs of Californians" and 2) "The perspective of the Office of Statewide Health Planning and Development related to the public health preparedness of our state."

Overview: OSHPD works toward equitable healthcare accessibility for California through many different avenues. OSHPD is responsible for a variety of programs that address healthcare workforce needs, improve healthcare quality, provide accurate and timely data and information products for healthcare planning and analysis, and support safe healthcare facilities.

Capacity of Public Health Infrastructure

- A. Facilities
 - 1. General Acute Care Hospital Capacity (by state, region & county)
 - a. Number of available general acute care beds
 - b. Number of available general acute care beds per 1,000 population
 - c. Occupancy rates
 - 2. Hospital Emergency Department Capacity (by state, region & county)
 - a. Location of hospitals
 - b. Location of emergency departments
 - Level of service
 - Location of trauma centers
 - Location of hospitals with helicopters
 - Location of hospitals with burn units
 - c. Number of ED treatment stations
 - d. Number of ED treatment stations per 1,000 pop
 - 3. Hospital Seismic considerations
 - a. Location of SPC 1 buildings
 - b. Emergency response team for natural or manmade calamity
- B. Capacity of Healthcare Workforce (by state, region & county)
 - 1. Designation process for medical underservedness
 - 2. Location of Health Professional Shortage Areas
 - 3. Location of Medically Underserved Areas
 - 4. Location of Medically Underserved Populations

California's Public Health Infrastructure in Times of Crisis

by

David M. Carlisle, M.D., Ph.D.

Presentation to

**Little Hoover
Commission**

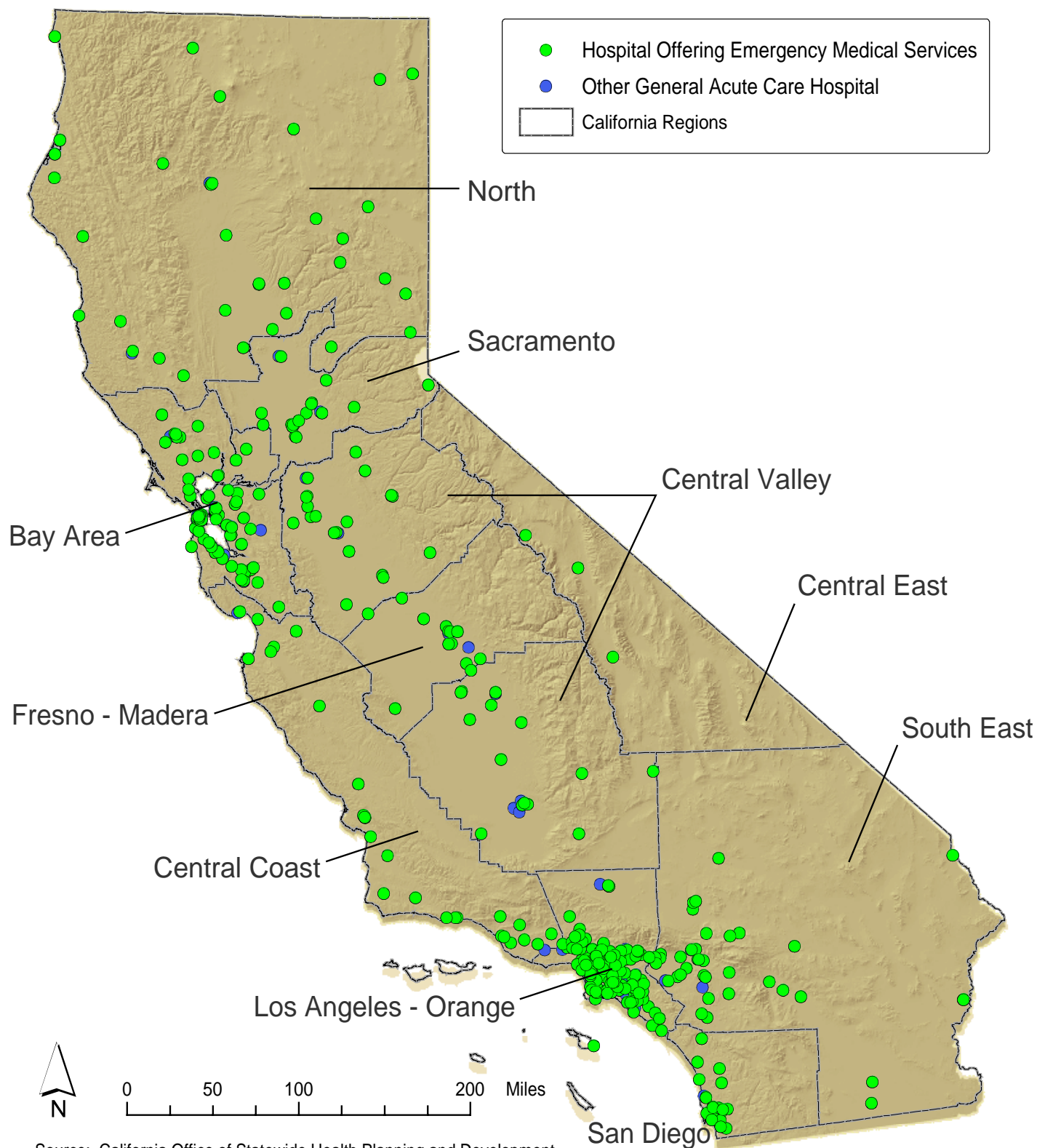
June 27, 2002

The Office of Statewide Health Planning & Development:

- *Develops data and information products for healthcare planning;*
- *Supports the development of safe healthcare facilities;*
- *Administers programs that address healthcare workforce needs.*

California's Public Health
Infrastructure in Times of
Crisis:
*Capacity of
General Acute
Care Hospitals*

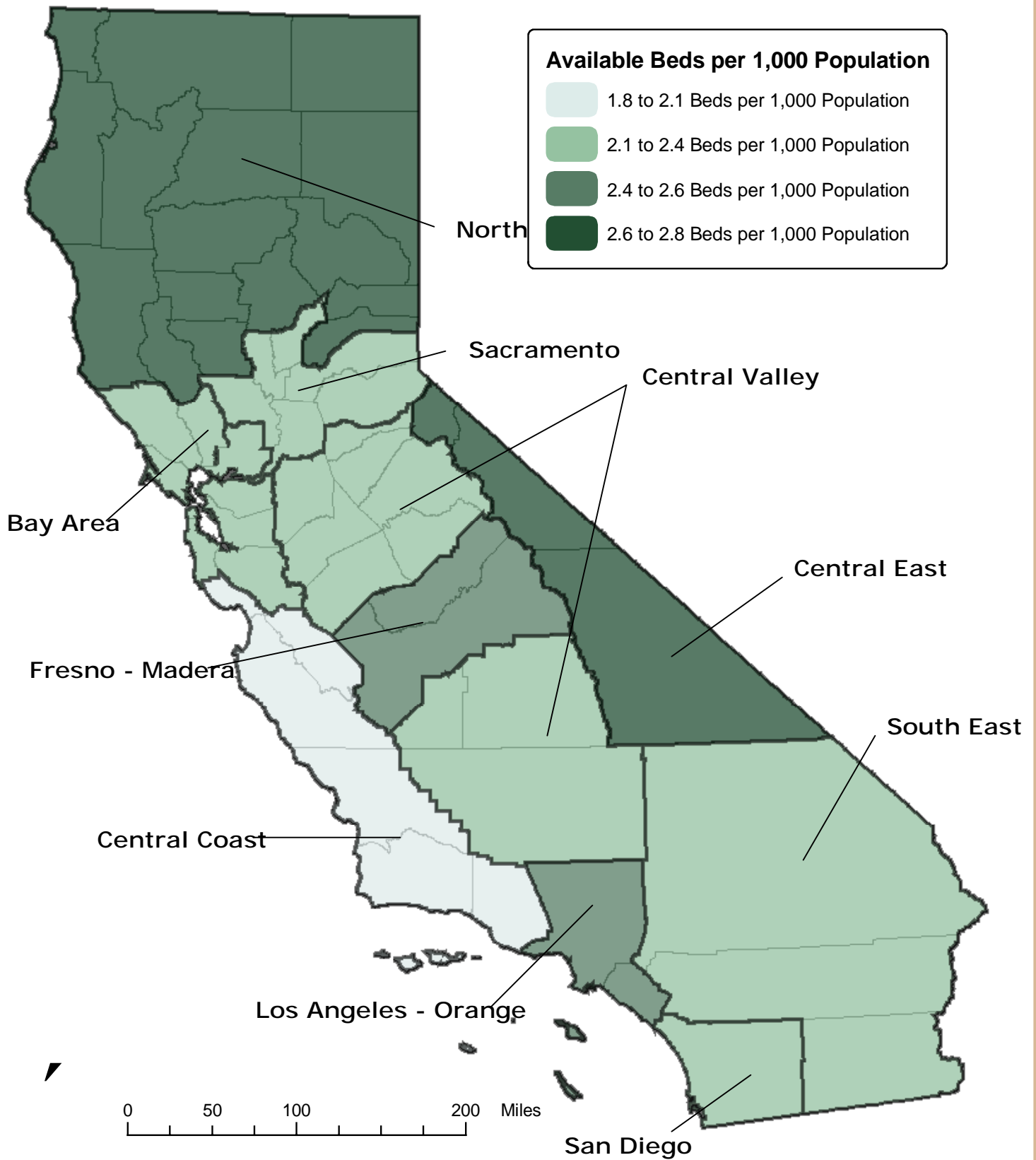
California Healthcare Infrastructure: General Acute Care Hospitals and Emergency Departments



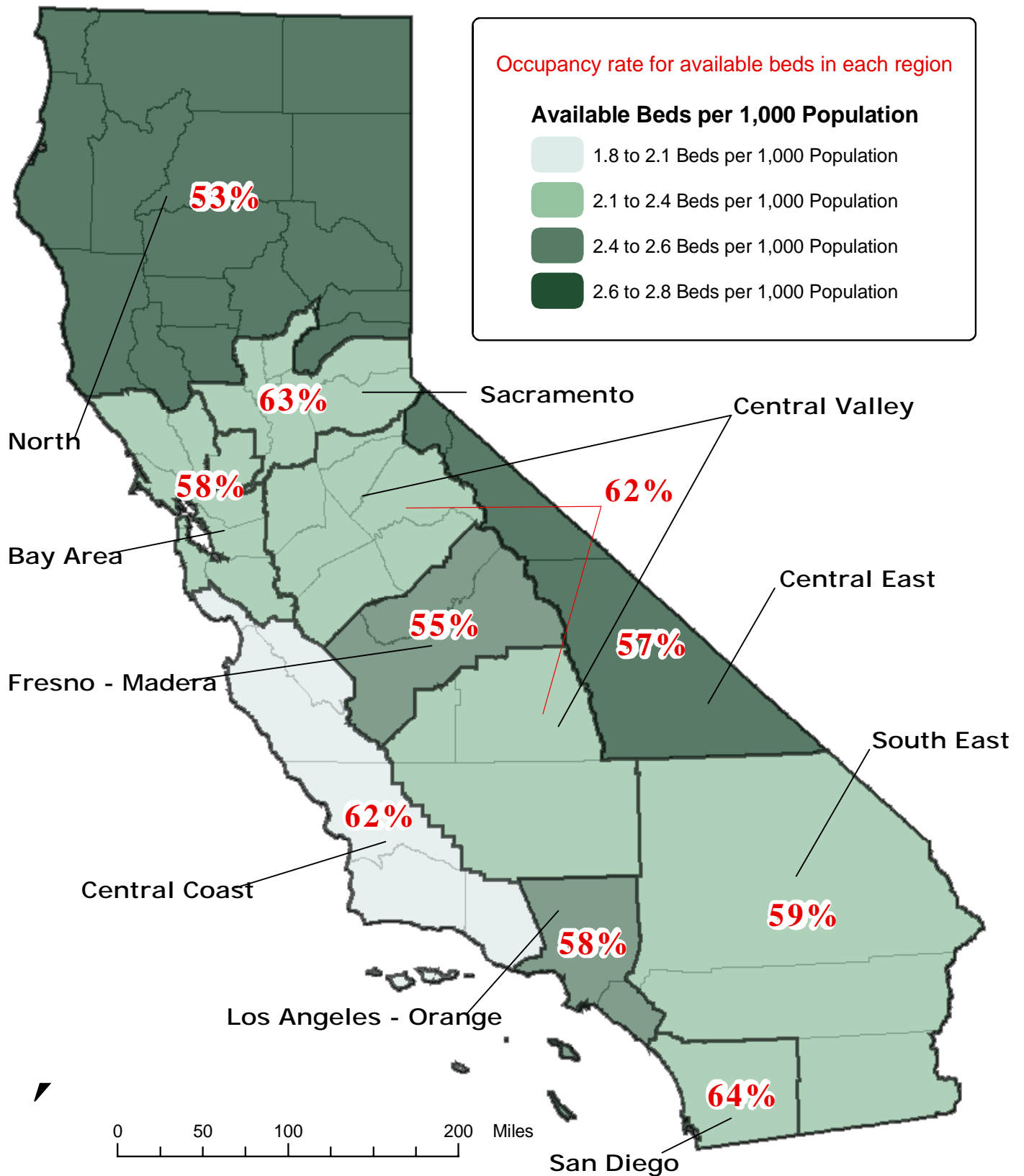
California Regions



Available Beds per Capita by Region

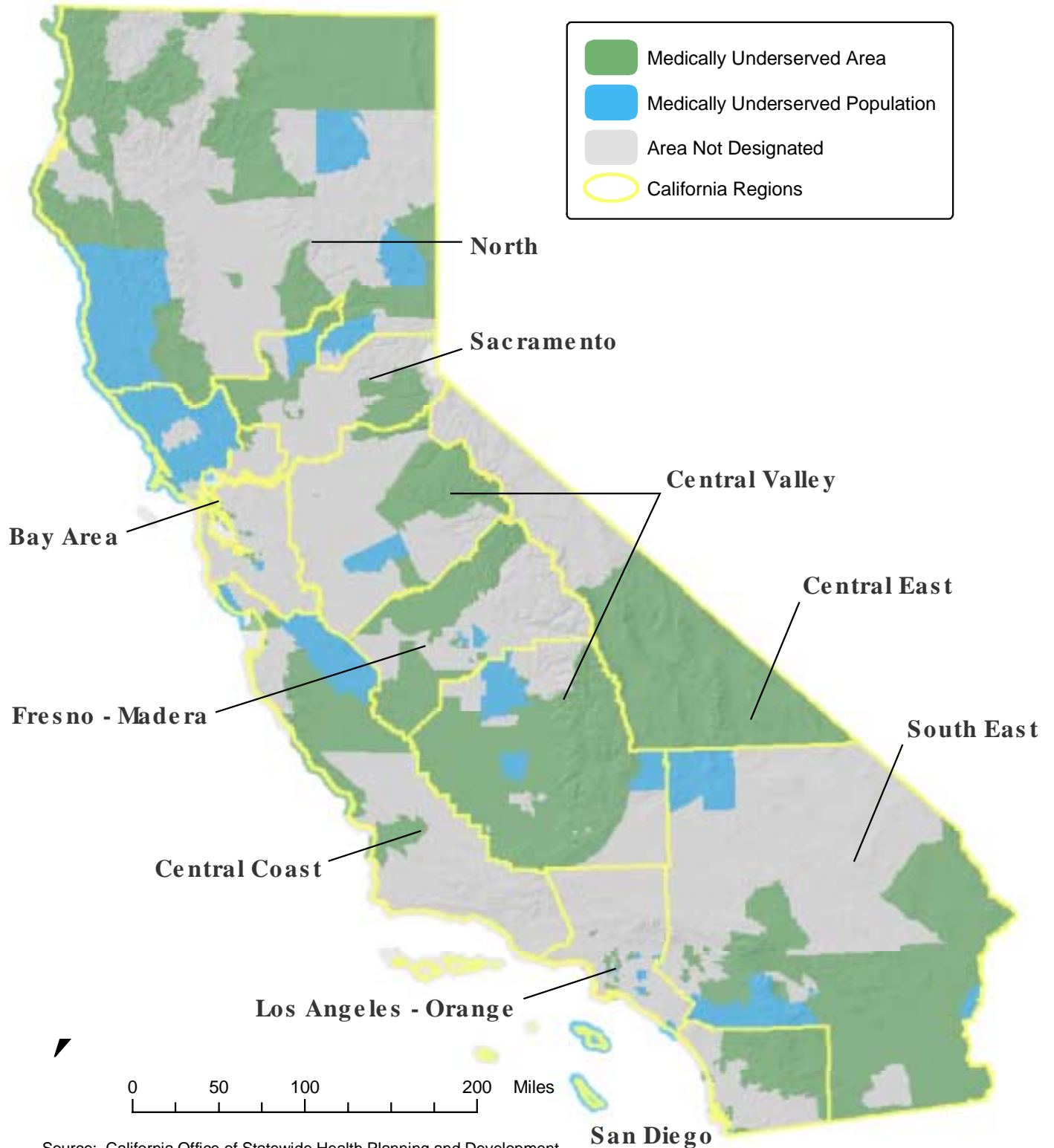


Regional Occupancy Rates

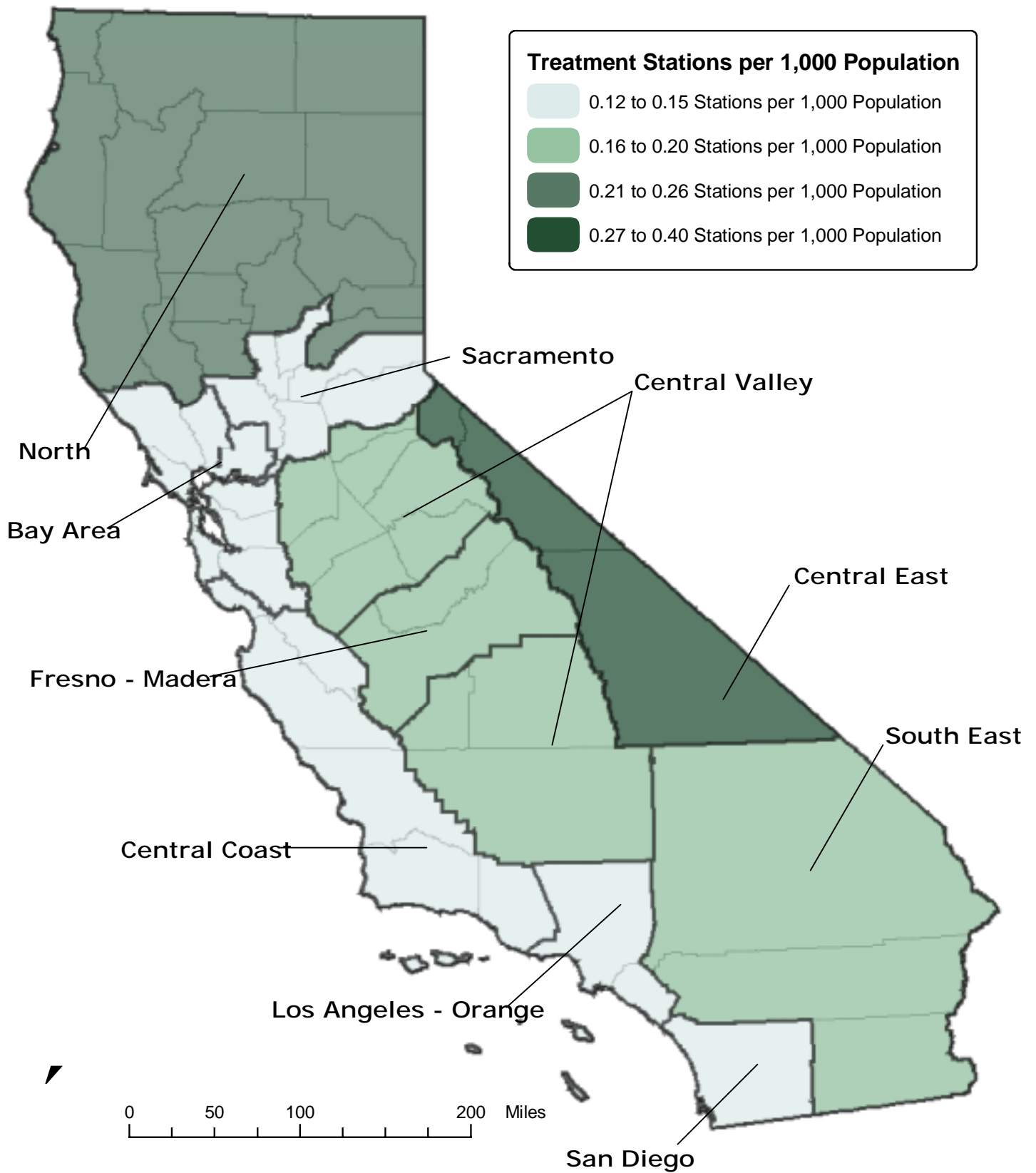


California's Public Health
Infrastructure in Times of
Crisis:
*Hospital
Emergency
Department
Capacity*

Medical Service Status



Emergency Department Treatment Stations per Capita by Region



California's Public Health
Infrastructure in Times of
Crisis:
*Hospital Seismic
Considerations*

Hospitals Rated Seismically Compliant until 2030



Source: California Office of Statewide Health Planning and Development

% of Available Beds by Region, in Hospitals with no SPC-1 Buildings:

Region	%
North	27
Sacramento	45
Bay Area	35
Central Valley	24
Fresno-Madera	39
Central East	18
Central Coast	29
LA-Orange	21
South East	21
San Diego	19

Hospitals Posing a Significant Collapse Risk Following a Strong Earthquake



**% of Available Beds by Region,
in Hospitals Posing a Significant
Collapse Risk Following a Strong
Earthquake (100% SPC-1
Buildings):**

Region	%
North	8
Sacramento	0
Bay Area	16
Central Valley	14
Fresno-Madera	1
Central East	0
Central Coast	5
LA-Orange	18
South East	4
San Diego	2

Hospitals Excluding Those at Greatest Risk of Collapse



**% of Available Beds by
Region, in Hospitals
Excluding Those at Greatest
Risk of Collapse
(Excludes 100% SPC-1 Hospitals):**

Region	%
North	73
Sacramento	55
Bay Area	65
Central Valley	76
Fresno-Madera	61
Central East	82
Central Coast	71
LA-Orange	79
South East	79
San Diego	81

Emergency Response Team

- *In the event of a seismic event, or other natural or manmade disaster, OSHPD will send three-person teams to evaluate the hospital structure and systems.*
- *Team findings:*
 - Red tag=Hospital building unsafe; Evacuate immediately.
 - Yellow tag=Hospital building may have limited occupancy.
 - Green tag=Hospital building found safe for use and occupancy.

California's Public Health
Infrastructure in Times of
Crisis:
*California's
Healthcare
Workforce*

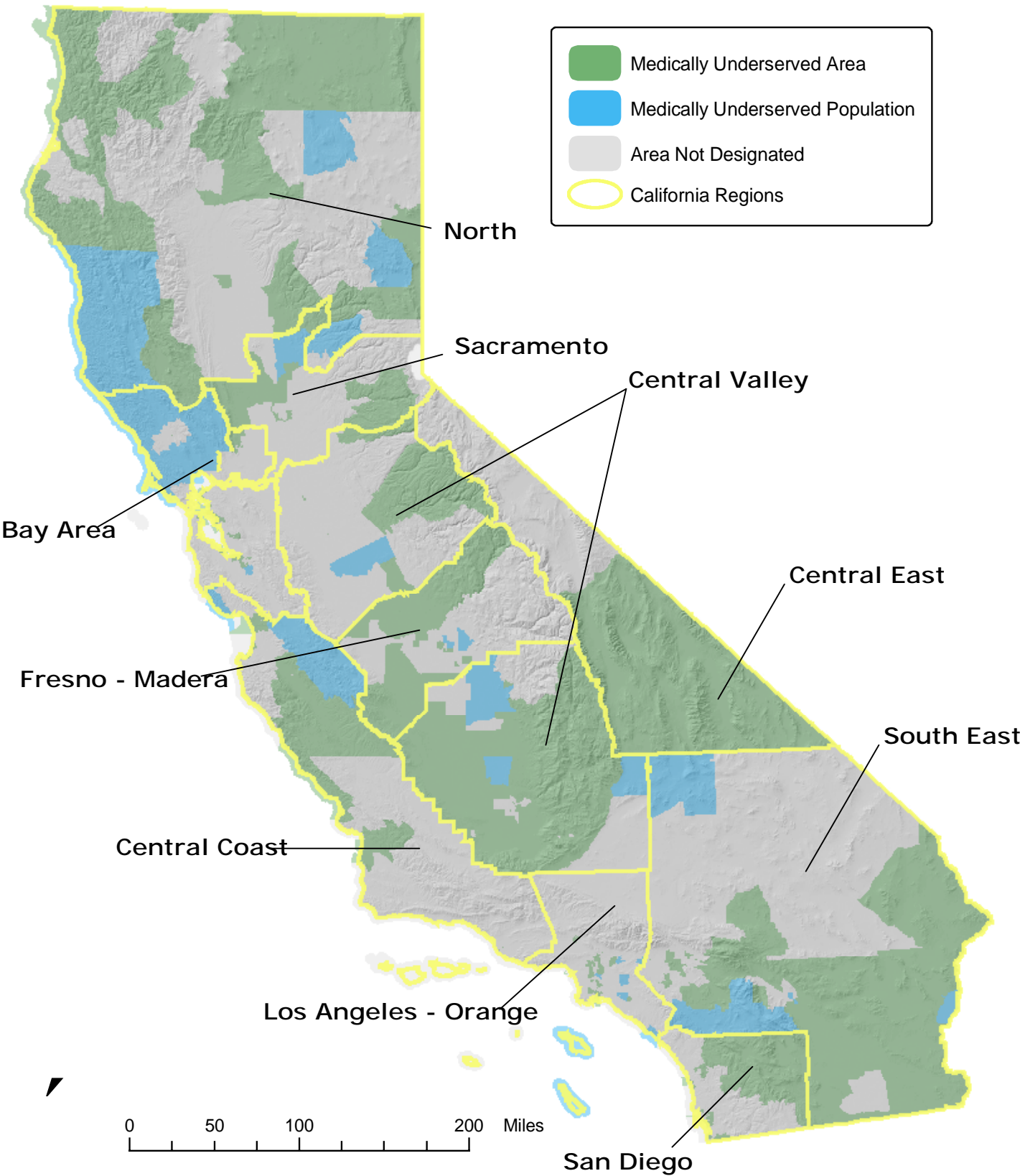
Shortage Area Designations

- ***Health professional shortage area (HPSA)***
 - *Identifies areas of underserved populations for primary care, dental and mental health services \geq 3,500: 1 population to primary care physician (exceptions made for areas with unusually high needs)*
- ***Medically underserved area or population (MUA/MUP)***
 - *Measures the degree of underservice by poverty rates, percentage of pop \geq 65, infant mortality and population to provider ratios*
- ***Note: areas must apply for these designations***

Health Professional Shortage Area (HPSA) Status



Medical Service Status



California's Public Health Infrastructure in Times of Crisis